BOOK

s		Contents	Reference to last Measurement
dth	Depth 6	7	8

Pass order

M. A. R. 57 (Rule 116)
Measurement Book

No. B BR-772/30-17

Serial No. First and final bill:

Name of Work Maintainence and ~~From~~ Emergency ~~To~~ works in ward 7 263280

Name of Contractor of nature of Agency Byatarayanapura: / Sri A. Manjunath

Date of commencement of work

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Est cost:-	15.00 lakhs:					
	Job code No:-	007-16-000015					
	Head of Account:-	P1771					
	A.S.No:-	AS/CE(NKS)/67/15-16; date: 14-12-15					
	T.S.No:-	TS/EE(BTP)/278/15-16; date: 14-12-15					
	Agr.No:-	No.BBMP/EE/BTP/Agr/92/16-17; date: 05-08-16					
	Work orders No:-	No.BBMP/EE/BTP/WO/92/16-17; date: 05-08-16					
	Tenders price:-	1471231.63					
	~~Date of completion~~:-						
	~~Date of Recording~~:-						

MEASUREMENT BOOK

Premeasurements:

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(A) Preparation of bed Ganesha Moorthy Immersion at Rachenahalli tank						
	Item No.01:- Premeasurements recorded on: 02-09-16						
	Earthwork and removal of silt or silt mixed with sand in slushy condition from canal bed including Jack well disposing of the same in spoil bank or on the canal embankment in layers as directed etc., complete with initial lead upto 50m and all lifts:						
		01	12.00	12.00	2.50 =	360.00	
						Asst Engg. N.D AE (LH)	
	Item No.02:- lead disposal of debris shall be payable at carriage rates by Mechanical means including loading and unloading						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Qty vide Item
	Item No. 05:- Premeasuren
	Earthwork
	lowering the ground
	culverts road drains
	removing the excarate

Contents	Reference to last Measurement
7	8
or at Rachenahalli tank	
09-16	
mixed with sand	
Jack well	
the canal embank-	
with initial lead	
= 360.00	
W.N.D	
E(LH)	
payable at carriage	
ding and unloading	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

263281

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty vide Item.	No. 01	→ 360.00 cum.				
			Nr to W.N.D				
				AE(W)			
	Item No. 05:- Premeasurements recorded on: 02-09-16						
	Earthwork excavation in ordinary soil for levelling and						
	lowering the ground manually (other than foundation of buildings						
	culverts road drains and trenches of pipe lines and cables) and						
	removing the excavated stuff to a distance not exceeding 50m and						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	left upto 1.5m excavated surface levelled and neatly dressed disposed earth to be levelled after breaking clods and neatly dressed as per specifications:						
	Burm cutting and jungle clearance:-	01	30.00	30.00	0.15	= 135.00	
		0.1	25.00	10.00	0.15	= 37.50	
						172.50 cum:	
						Asst Engr. N.D AE(WT)	
	Item No.25:- Premeasurements recorded on: 28-11-16						
	Earthwork excavation for foundation of buildings,						

1633 14-1

M.

Serial No. .....

Name of Work ..... F

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3
	culverts, wates supply, san pits or in trenches 1.5m a exceeding 1.5m in depth pits and trenches, stacting excavation with lead up per specifications:	
	Culverts:-	07

Contents	Reference to last Measurement
7	8
neatly dressed elods and 135.00 37.50 172.50 cum: of buildings,	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 263282

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications: Culverts:-	07	8.00	1.80	0.90 =	90.72 cum.	

Rs. Upto N.D
AE(WH)

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No. 26:- Premeasurements recorded on: 29-11-16						
	Providing and laying in position plain cement concrete of mix M10 with OPC cement @ 220 kgs with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.445 cum machine mixed, concrete laid in layers not exceeding 15 cms, thick well compacted, in foundation and plinth, including cost of all materials, labour, flow of machinery, curing complete as per specifications:						
	Culvert bottom:-	01	8.00	1.80	0.15 =	15.12 cum	
						As per LL. No	
						AE (W)	

29/11/16

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Item No. 27:- Premeasurements
	Providing and c masonry in foundation dressed in course not le in each course including per specifications:
	Sidewalls:-

29/11

Pairs order

K

pth 6	Contents 7	Reference to last Measurement 8
in	cement	concrete
40mm	and down size	
0.892	cum	and
ed	, concrete laid in	
ected	, in foundation	
	labour, item of	
ations:		
=	15.12 cum	
	Asstt. W.D	
	AE (WS)	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To..... 263283
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No. 27:- Premeasurements recorded on:- 29-11-16						
	Providing and constructing granite (trap) basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in course not less than 20cms high, bond stones at 2m apart in each course including cost of materials, labour, curing complete as per specifications:						
	Sidewalls:-	7x2	8.00	0.60	0.60	= 40.32 cum	
							Asstt. W.D AE (WS)

BOOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
nce:			
95 Nos-mtd			
7.07 → (iii)			
l = 0.33 ton			
= 6.00			
5.34 → (iv)			
= 6.00			
3.72 → (v)			
95 = 2.67 ~~cmt~~ ton			
Nil Nil N.D			

AE (W)

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. Main bill: Date of Recording: 30-12-16

Name of Work ..... From..... To.....

263285

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No. 01:- Earthwork and removal of silt or silt mixed with sand in slushy condition from canal bed including jack well disposing of the same in spoil bank on the canal embankment in layers as directed etc., complete with initial lead upto 50m and all lifts: Qty vide page No. 2633					360.00 cum	
	At the rate of Rs 104.00 →						37440.00
	Item No. 02:- Lead for disposal of debris shall be payable at carriage						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	rates by mechanical means:						
	Qty vide page No. 2633		263281 →		360.00	cum.	26485.20
	At the rate of Rs 73.57 →						
	Item No. 05:-						
	Earthwork excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings culverts road drains and trenches of pipe line & cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m excavated surface levelled and neatly dressed disposed earth to be levelled after breaking clods and neatly dressed as per specifications.						

2633 V-1

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Qty vide pa
	At the rate
	Item No. 25:-
	Earthwork
	water supply, sanitary
	in trenches, stacking
	excavation with lea
	Qty vide pa
	At the rate

OK

Depth 6	Contents 7	Reference to last Measurement 8
60.00 cum.		26485.20
soil for levelling		
than foundation of		
hes of pipe line &		
to a distance not		
led surface levelled		
be levelled after		
as per specifications.		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 263286

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Qty vide page No.		2633/263281 →			172.50 cum	
	At the rate of Rs: 156.88 →						27062.00
	Item No. 25:-						
	Earthwork excavation for foundation of building, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m:						
	Qty vide page No:		2633/263282 →			90.72 cum.	
	At the rate of Rs:		192.24 →				17440.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.16:-						
	Hire charges for shamiyana with necessary bamboo poles erection charges including transportation:						
		15	20.00	15	-	= 4500.00	Sqft:
	At the rate of Rs: 14.00 →						63000.00
	Item No.17:-						
	Hire charges for shamiyana side wall of qfl light:						
		15	60.00	-	8	= 7200.00	Sqft:
	At the rate of Rs: 05.00 →						36000.00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Item No.18:- Engaging for helping the pu guard the public During day: 8 la During Night: 17 h At the rat
	Item No.19:- Hire charges

ontents 7	Reference to last Measurement 8
ary bamboo poles	
500.00	sqft: 63000.00
ıfl light:	
200.00	sqft: 36000.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 263293

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Item. No. 18:- Engaging unskilled heavy Mazdoor heavy for guarding & for helping the public to immersion tank Ganesh idols and to safe. guard the public during the pooja time: [As per Attendance enclosed]						
	During day: 8 labours:		25 x 15 =			375.00 Nos	
	During Night: 17 labours: 25						
	At the rate of Rs.		243.55 →				91331.00
	Item. No. 19:- Hire charges for providing flood lights for the stage:						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		9x4	-	-	-	= 36.00 Nos.	
	At the rate of Rs: 285.00 →						10260.00
	Item No. 20:-						
	Hire charges of 100 KVA Generator including operator, fuel, transportation and handling charges:						
	15x8=120 [8 hrs per day]					= 120.00 Nos	
	At the rate of Rs: 630.00 →						75600.00
	Item No. 21:-						
	Hire charges for providing flood lights for the existing Ganesha Idols during night time:						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	At the rate of R	
	Item No. 22:-	
	Earthwork an	
	condition from canal	
	in spoil bank or on	
	complete with initial	
	At the rate o	

th	Contents 7	Reference to last Measurement 8
	= 36.00 Nos.	10260.00
uding operators, fuel,		
	= 120.00 Nos	75600.00
ights for the existing nesha Idols during night		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 263294

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		15	9.00	-	-	= 135.00 Nos.	
	At the rate of Rs: 285.00 →						38475.00
	Item No. 22:- Earthwork and removal of silt or silt mixed with sand in slushy condition from canal bed including jack well disposing of the same in spoil bank or on the canal embankment in layers as directed etc., complete with initial lead upto 50m and all lifts:	01	12.00	12.00	2.50	= 360.00 cum	
	At the rate of Rs: 104.00 →						37440.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No. 23:-						
	lead for disposal of debris shall be payable...						
	Qty vide Item No: 22 →			360.00 cum			
	At the rate of Rs: 73.57 →						26485.20
	Item. No. 24:-						
	supply of waters through water tankes to immersion tank						
	filling of fresh water to immersion tank:-			68 per load:			
	At the rate of Rs: 350.00 →						23800.00
					Grand total:=		14,62021.00

Asst.Engg. N.D
AE(WT) 31/12/16

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Certified:-
	1) that the work done
	2) that the debris has
	Total Rs
	Asst.Engg. N.D
	AE(WT)
	Verified
	30/01
	ಸ.ಅ.(ಪ್ರ.ಎ)

Contents	Reference to last Measurement
7	8
payable...	
	26485.20
...to Immersion tank	
...load:	
	23800.00
total:-	14,62021.00

Asst.Mgr.N.D
AE(W1) 31/12/16

Pass order

M. A. R. 57 (Rule 116)
Measurement Book

No. B

263295

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certified:-						
	1) that the work done by the contractor is satisfactory.						
	2) that the debris has been removed from the work spot.						
	Total Rs. 14.62021-00						
	ST- 14620-00						
	VAT- 58481-00						
	Cess. 14620-00						
	CBF- 1462-00						
	Fine- 1000-00						
	LR- 21930-00						
	Adj: 112113-00						
	Chqn: 13.49,908-00						

Asst.Mgr.N.D
AE(W1)

Verified
30/01
ಕ.ಅ.(ಬಾ.ವ)

31/12

Audited & Admitted to: Rs 14620/-
Rs: 1349908-00 (Rupees Thirte
Lakhs forty nine thousand nin
hundred eighty ... by the
and Rs 1.12.113-00 ... by accused

Accts Supdt
Exe. Engineer
Bydarahalli Sub Div. Bydarahalli
BBMP.